

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 10/811,492
Source: IPHO
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RAW SEQUENCE LISTING

DATE: 12/07/2004

PATENT APPLICATION: US/10/811,492

TIME: 10:17:36

Input Set : A:\pto.lm.txt

Output Set: N:\CRF4\12072004\J811492.raw

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3 <110> APPLICANT: Marshall, Shannon
5 <120> TITLE OF INVENTION: Generating Protein Pro-Drugs Using Reversible PPG Linkers
7 <130> FILE REFERENCE: 34098/US/2 (463077-00270)
9 <140> CURRENT APPLICATION NUMBER: US 10/811,492
10 <141> CURRENT FILING DATE: 2004-03-19
12 <150> PRIOR APPLICATION NUMBER: US 60/456,094
13 <151> PRIOR FILING DATE: 2003-03-20
15 <160> NUMBER OF SEQ ID NOS: 4
17 <170> SOFTWARE: PatentIn version 3.3
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 163
21 <212> TYPE: PRT
22 <213> ORGANISM: Homo sapiens
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31 20 25 30
34 His Pro Leu Pro Thr Pro Val Leu Leu Pro Ala Val Asp Phe Ser Leu
35 35 40 45
38 Gly Glu Trp Lys Thr Gln Met Glu Glu Thr Lys Ala Gln Asp Ile Leu
39 50 55 60
42 Gly Ala Val Thr Leu Leu Leu Glu Gly Val Met Ala Ala Arg Gly Gln
43 65 70 75 80
46 Leu Gly Pro Thr Cys Leu Ser Ser Leu Leu Gly Gln Leu Ser Gly Gln
47 85 90 95
50 Val Arg Leu Leu Leu Gly Ala Leu Gln Ser Leu Leu Gly Thr Gln Leu
51 100 105 110
54 Pro Pro Gln Gly Arg Thr Thr Ala His Lys Asp Pro Asn Ala Ile Phe
55 115 120 125
58 Leu Ser Phe Gln His Leu Leu Arg Gly Lys Val Arg Phe Leu Met Leu
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62 Val Gly Gly Ser Thr Leu Cys Val Arg Arg Ala Pro Pro Thr Thr Ala
63 145 150 155 160
66 Val Pro Ser
70 <210> SEQ ID NO: 2
71 <211> LENGTH: 104
72 <212> TYPE: PRT
73 <213> ORGANISM: Homo sapiens
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81 Trp Gln Asp Trp Ile Ile Ala Pro Glu Gly Tyr Ala Ala Tyr Tyr Cys

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82          20          25          30
85 Glu Gly Glu Cys Ala Phe Pro Leu Asn Ser Tyr Met Asn Ala Thr Asn
86          35          40          45
89 His Ala Ile Val Gln Thr Leu Val His Phe Ile Asn Pro Glu Thr Val
90          50          55          60
93 Pro Lys Pro Cys Cys Ala Pro Thr Gln Leu Asn Ala Ile Ser Val Leu
94 65          70          75          80
97 Tyr Phe Asp Asp Ser Ser Asn Val Ile Leu Lys Lys Tyr Arg Asn Met
98          85          90          95
101 Val Val Arg Ala Cys Gly Cys His
102          100
105 <210> SEQ ID NO: 3
106 <211> LENGTH: 166
107 <212> TYPE: PRT
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110 <400> SEQUENCE: 3
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113 1          5          10          15
116 Cys Gln Lys Leu Leu Trp Gln Leu Asn Gly Arg Leu Glu Tyr Cys Leu
117          20          25          30
120 Lys Asp Arg Met Asn Phe Asp Ile Pro Glu Glu Ile Lys Gln Leu Gln
121          35          40          45
124 Gln Phe Gln Lys Glu Asp Ala Ala Leu Thr Ile Tyr Glu Met Leu Gln
125          50          55          60
128 Asn Ile Phe Ala Ile Phe Arg Gln Asp Ser Ser Ser Thr Gly Trp Asn
129 65          70          75          80
132 Glu Thr Ile Val Glu Asn Leu Leu Ala Asn Val Tyr His Gln Ile Asn
133          85          90          95
136 His Leu Lys Thr Val Leu Glu Glu Lys Leu Glu Lys Glu Asp Phe Thr
137          100          105          110
140 Arg Gly Lys Leu Met Ser Ser Leu His Leu Lys Arg Tyr Tyr Gly Arg
141          115          120          125
144 Ile Leu His Tyr Leu Lys Ala Lys Glu Tyr Ser His Cys Ala Trp Thr
145          130          135          140
148 Ile Val Arg Val Glu Ile Leu Arg Asn Phe Tyr Phe Ile Asn Arg Leu
149 145          150          155          160
152 Thr Gly Tyr Leu Arg Asn
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156 <210> SEQ ID NO: 4
157 <211> LENGTH: 200
158 <212> TYPE: PRT
159 <213> ORGANISM: Homo sapiens
161 <400> SEQUENCE: 4
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168          20          25          30
171 Ala Leu Thr Glu Ser Tyr Val Lys His Gln Gly Leu Asn Lys Asn Ile
172          35          40          45

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175 Asn Leu Asp Ser Ala Asp Gly Met Pro Val Ala Ser Thr Asp Gln Trp
176      50              55              60
179 Ser Glu Leu Thr Glu Ala Glu Arg Leu Gln Glu Asn Leu Gln Ala Tyr
180 65              70              75              80
183 Arg Thr Phe His Val Leu Leu Ala Arg Leu Leu Glu Asp Gln Gln Val
184              85              90              95
187 His Phe Thr Pro Thr Glu Gly Asp Phe His Gln Ala Ile His Thr Leu
188              100             105             110
191 Leu Leu Gln Val Ala Ala Phe Ala Tyr Gln Ile Glu Glu Leu Met Ile
192              115             120             125
195 Leu Leu Glu Tyr Lys Ile Pro Arg Asn Glu Ala Asp Gly Met Pro Ile
196              130             135             140
199 Asn Val Gly Asp Gly Gly Leu Phe Glu Lys Lys Leu Trp Gly Leu Lys
200 145              150              155              160
203 Val Leu Gln Glu Leu Ser Gln Trp Thr Val Arg Ser Ile His Asp Leu
204              165              170              175
207 Arg Phe Ile Ser Ser His Gln Thr Gly Ile Pro Ala Arg Gly Ser His
208              180              185              190
211 Tyr Ile Ala Asn Asn Lys Lys Met
212              195              200

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VERIFICATION SUMMARY

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